




PATENT APPLICATION  
ATTORNEY DOCKET  
NO. 72887

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: GOH, et al.  
Appln. No.: 10/054,618  
Filed: January 22, 2002  
Title: Interferometer and Its  
Fabrication  
Group  
Art Unit: 2874  
Examiner: Not Yet Known

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited  
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date.

5/15/02 

Date James P. Krueger  
Registration No. 35,234  
Attorney for Applicant(s)

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This is an Information Disclosure Statement being submitted in accordance  
with 37 C.F.R. §§ 1.97 - 1.98 in connection with the above-identified application.  
Submitted herewith is Form PTO/SB/08A. A copy of each of the references cited  
thereon is enclosed.

**U.S. PATENT DOCUMENTS**

<u>Patent</u>	<u>Inventor</u>	<u>Issue Date</u>
6,240,221	Thompson	May 29, 2001
5,359,449	Nishimoto et al.	Oct. 25, 1994
5,157,744	Korotky	Oct. 20, 1992
5,119,447	Trisno	Jun. 02, 1992

### FOREIGN PATENT DOCUMENTS

<u>Patent</u>	<u>Issue Date</u>
EP 1065534	Jan. 03, 2001
EP 1058136	Dec. 06, 2000
JP 2001-154053	Jun. 08, 2001
JP 2001-100163	Apr. 13, 2001
JP 10-246828	Sep. 14, 1998
JP 07-333446	Dec. 22, 1995
JP 05-142504	Jun. 11, 1993
JP 05-061077	Mar. 12, 1993
JP 04-337707	Nov. 25, 1992
JP 04-113302	Apr. 14, 1992
JP 03-267902	Nov. 28, 1991
JP 03-067204	Mar. 22, 1991
JP 02-130503	May 18, 1990
JP 64-077002	Mar. 23, 1989
JP 63-182608	Jul. 27, 1988

### OTHER DOCUMENTS

Abe M, Inoue Y, Moriwaki K, Okuno M, Ohmori Y. Optical path length trimming technique using thin film heaters for silica-based waveguides on Si. Electronic Letters 1996; 32(19):1818-1819.

Moriwaki K, Abe M, Inoue Y, Okuno M, Ohmori Y. New silica-based 8 x 8 thermo-optic matrix switch on Si that requires no bias power. OFC Technical Digest 1995; Feb. 26-March 3: 211-212.

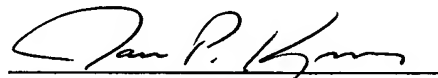
Okuno M, Sugita A, Jinguji K, Kawachi M. Birefringence Control of Silica Waveguides on Si and Its Application to a Polarization-Beam Splitter/Switch. J Lightwave Tech 1994; 12(4): 22-29.

The Commissioner is hereby authorized to charge any additional fees which may be required in this application to Deposit Account No. 06-1135.

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

By



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Dated: May 15, 2002

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PTO/SB/08A Substitute for Form PTO/SB/08A				Application Number	10/054,618
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Filing Date	January 22, 2002
				First Named Inventor	GOH, et al.
				Art Unit	2874
				Examiner Name	Not Yet Known
Sheet	1	of	2	Attorney Docket	72887

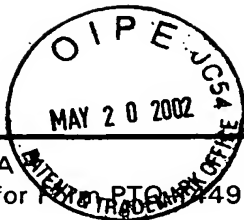
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup>			
		US-6,240,221	05-29-01	Thompson	
		US-5,359,449	10-25-94	Nishimoto et al.	
		US-5,157,744	10-20-92	Korotky	
		US-5,119,447	06-02-92	Trisno	
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>			
		EP 1065534	01-03-01	Nortel Networks Limited	
		EP 1058136	12-06-00	British Telecommunications	
		JP 2001-154053	06-08-01	Jacques et al.	
		JP 2001-100163	04-13-01	Sumitomo Osaka Cement Co Ltd	
		JP 10-246828	09-14-98	Nippon Telegr & Teleph Corp	
		JP 07-333446	12-22-95	Nippon Telegr & Teleph Corp	
		JP 05-142504	06-11-93	Fujitsu Ltd	
		JP 05-061077	03-12-93	Nippon Telegr & Teleph Corp	
		JP 04-337707	11-25-92	Fujitsu Ltd	
		JP 04-113302	04-14-92	Nippon Telegr & Teleph Corp	
		JP 03-267902	11-28-91	Nippon Telegr & Teleph Corp	
		JP 03-067204	03-22-91	Nippon Telegr & Teleph Corp	
		JP 02-130503	05-18-90	Nippon Telegr & Teleph Corp	
		JP 64-077002	03-23-89	Nippon Telegr & Teleph Corp	
		JP 63-182608	07-27-88	Nippon Telegr & Teleph Corp	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A Substitute for PTO/SB/049		Application Number	10/054,618
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Filing Date	January 22, 2002
		First Named Inventor	GOH, et al.
		Art Unit	2874
		Examiner Name	Not Yet Known
Sheet	2 of 2	Attorney Docket	72887

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Abe M, Inoue Y, Moriwaki K, Okuno M, Ohmori Y. Optical path length trimming technique using thin film heaters for silica-based waveguides on Si. Electronic Letters 1996; 32(19):1818-1819.	
		Moriwaki K, Abe M, Inoue Y, Okuno M, Ohmori Y. New silica-based 8 x 8 thermo-optic matrix switch on Si that requires no bias power. OFC Technical Digest 1995; Feb. 26-March 3: 211-212.	
		Okuno M, Sugita A, Jinguji K, Kawachi M. Birefringence Control of Silica Waveguides on Si and Its Application to a Polarization-Beam Splitter/Switch. J Lightwave Tech 1994; 12(4): 22-29.	

Examiner Signature		Date Considered	
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